PDT wireless bar code collector

Instruction for use

Wireless laser barcode collector=Wireless laser scan + easy wireless data collector
Function Suitable for PDT laser bar code, PDT-H image bar code, PDT-T image two-dimensional

Product introduction

1, Features

Thank you for using our new PDT Series Wireless Bar Code Collector. It combines the wireless barcode scanner and various commonly used wireless barcode data acquisition functions, users can directly use without any programming. PDT series products with keyboard and screen, can do wireless barcode scanner can not function

With the keyboard and screen, you can achieve the functions of the traditional wireless barcode scanner can not be achieved, such as bar codes are not scanned can damage, you can enter through the keyboard; can display the current wireless channel used, wireless signal strength and battery power. Supporting the use of wireless base station USB interface, simulation keyboard mode, without any driver can be used under WINDOWS. And support USB to send data, analog cable gun scanning bar code.

PDT series wireless barcode scanner scan engine: laser scanner, LCD scanner, 2D code scanner.

1), laser scanner, scanning speed, depth of field, to meet the needs of most industries. Applies to PDT

2), LCD scanner can read the screen barcode WeChat or Alipay payment, such as mobile computers and other on-screen one-dimensional bar code on the needle printer bar code or fuzzy code has a good read speed. Applies to PDT-H

3), 2D code scanner reading speed and increase the ability to identify two-dimensional code to identify all one-dimensional two-dimensional bar code, screen code, printed on the needle printer bar code, printing code, missing code, rough bar code, Fuzzy code has excellent read speed. Applies to PDT-T

PDT series wireless bar code reader using the wireless frequency of 433.92M, two-way communication. The screen shows the signal strength indicator. Maximum support for 32 wireless channels, unimpeded in the actual use of the environment, the transmission distance of 50-100 meters.

2, technical parameters

1), 32-bit high-speed ARM series CPU

2), FLASH memory: 4MB, storing more than 30,000 data.

3), power supply: 2 PCS of battery (size AA) (it is recommended to use 1600-2400mah NiH rechargeable battery), support for charging through the USB port.

4), Display: 176 x220 TFT color LCD, white backlight.

5), size: 165 x 65 (54) x 38 (26) mm, approx. 180 grams

6), 22 keys high-quality silicone keyboard

7), continuous working time: 10-50 hours, at least 10,000 times can be scanned

8), bar code scanning method:

(1) 650ns laser (unreadable screen, QR code),

(2) red image (unreadable QR code),

(3) 2D code scanner images (all one-dimensional two-dimensional bar code readable)

Read barcode types: EAN13, EAN8, 39 yards, 93 yards, 128 yards, IT25, Codebar, UPCA, UPCE, QRcode, PDF417, DataMatrix etc.

9), wireless communication using 433.92MHZ wireless two-way communication, CRC effect.

3, the scope of application

PDT Wireless Barcode Collector is especially suitable for the barcode collection and storage management of all kinds of warehouses in small and medium-sized supermarkets, courier, logistics, wholesale stores, and also can be directly used as the bar code collection and inventory equipment for supermarkets, bookstores and warehouses use.
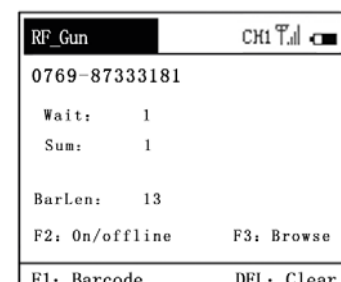
4, operation precautions

(1) button basic settings:

* Orange button is the scan button

* All functions can be used to exit the [ESC] button

* In the input box, press 【SW】 key to switch the input method, 【Del】 is the delete key.

* [ENT] is the default confirmation key.

(2) When installing and removing the battery, first pull the latch on the battery cover to the unlocked position (on the left), then lock it to the right. For a long time do not use, please remove the battery to avoid leakage. Please use NiMH battery for rechargeable battery.

(3) to keep bar code scanning window cleaning, so as not to affect the reading effect.

(4) Ordinary standard 5V mobile phone charger can be used for PDT handset charging.

Detailed operation

1, RF-Gun

The function of RF-Gun mode is the same as that of a traditional wireless scanner, which is to scan the barcode and send it to the computer immediately. The picture on the right is the interface after entering this function. The maximum allowable display of 2 lines 40 characters.

Due to the uncertainty of wireless communications, the PDT Series

Wireless Barcode Collector still allows barcodes to be scanned and cached automatically in the event of occasional outages, for a maximum of about 1000 barcodes at a time. When the communication is restored, the PDT Series will automatically send the buffered barcode to the base station.

PDT Series wireless bar code collector with keyboard and screen, all scan interfaces allow manual input of bar codes. Press 【F1】 to enter the manual input state, three input modes, numbers, lowercase letters, uppercase letters, 123 for digital mode, abc for lowercase mode, ABC for uppercase mode, press 【SW】 to switch the input method and press 【ENT 】 Key to confirm, press 【ESC】 to cancel.

2, USB Gun

The model for the handheld to connect the USB data cable to the computer or cash register, the handheld can be used as a wired scanner, bar code scanning directly to the computer or cash register.

3, Collect

The mode is non-real-time transmission mode, all the barcode acquisition after mass transfer, the user can choose to export wireless or cable. All scanned barcodes are stored in FLASH memory in scan order, and power loss does not result in data loss.

```
┌────────────────────────────┐
│ Collect              ▭     │
│ 0769-87333181              │
│                            │
│                            │
│ Barcode Num: 11            │
│                            │
│                            │
│ F2: Browse        DEL: Del │
├────────────────────────────┤
│ ENT: Menu       F1: Barcode│
└────────────────────────────┘
```

At the same time bar code acquisition mode can be repeated bar code for different treatment, there are three ways:
(1, do not deal with repeated bar codes, Save the scanned barcode;
(2, attention,when prompted to repeat the barcode is skipped or saved;
(3, prohibit scanning repeat bar code, repeat bar code unconditional filter.

```
┌────────────────────────────┐
│ Collect              ▭     │
│                            │
│      Same barcode mode     │
│    1.Skip                  │
│                            │
│    2.Attenion              │
│                            │
│    3.Prohibit              │
│                            │
├────────────────────────────┤
│ 1-3: Select        ESC: Exit│
└────────────────────────────┘
```

4, Inventory

Direct counting is a simple inventory statistics mode, record the number of bar codes and the corresponding value, can handle 10000 bar codes at a time, the maximum number of a single bar code 999999. After scanning the barcode, the same auto-accumulation quantity can also be manually input the quantity value. Each time the barcode is scanned, the corresponding quantity of the barcode is increased by one, or the number of manual counting input can be directly pressed to be overwritten or accumulated.

```
┌────────────────────────────┐
│ Total: 230           ▭     │
│ 0769-87333181              │
│                            │
│ Curent: 33                 │
│                            │
│ InputNum: _____  │
│                            │
│ BarCount: 8                │
├────────────────────────────┤
│ F1: Barcode       1-9: Number│
└────────────────────────────┘
```
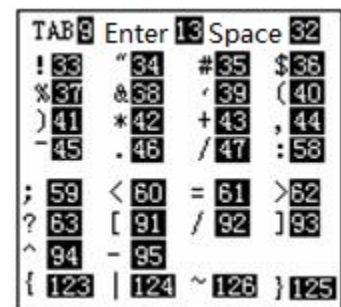
5, Export

Wireless gun default export format: B.13
Barcode acquisition default export format: B.13

Direct inventory default export format: B.44.N.13

Usually, the format of wireless transmission to a computer is a barcode + carriage return. However, some special applications may require 2 carriage returns or various special symbols. Such a complex output format can be set in a barcode export format.

Set the format as follows: A total of four special keywords, respectively, with A, B, N and points marked, A that the local number (set in the wireless settings), B bar code, N said the number of points, -127 is the ASCII value of the character, such as the default B.13 that the output is a barcode + carriage return; B.13.13 barcode plus 2 carriage returns; A.58.B.13 that the output is the machine number +: + Barcode + Enter, 58 is the colon ASCII value; 126.B.126.N.13 then said the output ~ barcode ~ number carriage return, 126 is ~ ASCII value. Common ASCII code as shown on the right.

6, System

Note: Enter some important settings need to enter the password, the default password is 13579

(1, system information: some basic information system

(2, the system settings: including bar code settings, volume, automatic standby time, charging and other important settings

(3, wireless settings: wireless communications related settings

(4, update the application: PDT handheld support upgrade application updates through this menu item to enter, you need a dedicated PC-side updates and USB drivers.
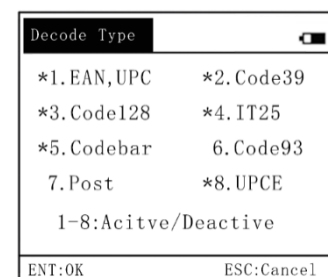
(5, switch to English version: switch Chinese interface

The following details system settings

(1, set the bar code parameters: including decoding type setting, effective length setting, decoding options setting function.

bar code identification settings (set the decoding type)

The barcode recognition setting is used to set the barcode type supported by the PDT wireless barcode collector. The picture on the right shows the barcode type identification setting interface. The barcode type with * in the figure indicates that this type of decoding has been activated and this type of barcode can be scanned; the barcode type without * indicates that decoding is disabled. Figure, Code93 code, postal code without *, that these two bar codes can not be PDT read. Press the corresponding number key to open or close.

effective barcode length setting:

The length of the valid bar code indicates the length of the barcode that is allowed to be output. The default value is 1-50, indicating any length (the maximum barcode of the PDT wireless scanner is 50 digits). Users can set single, multiple or multiple ranges of valid barcode lengths. Such as the input 13 that only allows 13-bit bar code output; 8.13.15 that only allow 8,13 and 15-bit bar code output. 15-18 indicates that the allowed length of the barcode is 15,16,17,18 four. 8.10.13-16 that 8,10,13,14,15,16 these six bar code length to output.

Set the automatic shutdown time: the default is 180 seconds, that is, within 3 minutes do not

operate automatically shut down, the user can set in the range of 10-600 seconds

Set the buzzer volume: Setting range 0-5, 0 means mute

(2, wireless configuration

Wireless communication configuration includes setting local address, wireless communication channel, pairing with wireless base station. The local address is 1-99, the wireless channel is 1-32, the same environment, multiple different wireless channel machines can be used at the same time and the bar code data without disturbing each other.

After modifying the wireless channel, the handset and the wireless base station must be paired before they can be used. Matching principle is: a wireless base station can support multiple machines, but the machine's local address can not be the same. The same radio channel machine can only use one wireless base station. Select pairing with wireless base station, follow the instructions on the machine screen, and confirm with ENT.

(3, the application updates (need to upgrade update only)

The PDT Series Data Collector supports upgrading and updating applications. The drivers need to be installed for the first time. The driver files are included in the application update package. If you need to upgrade or upgrade, please contact the sales and technical personnel for updating.

FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Model	dealers	Purchase date	phone